GENERAL AND REVENUE SECRETARIAT.

1912-13
(Sanitary)

P-28
F

File No. 110-10.

Serial Nos. 1-7

Papers Filed.

Month August 1912

SUBJECT.

A new building for the Vaccine Institute

PREVIOUS REFERENCES.	LATER REFERENCES.
Med 230-06 3-4. San 71-07. 5-10. Med 230-06. 1-2 San 71-07. 244. San 71-07. 143.	San 27-1912 81-19 B March 1913

9/8/12

G.R.S. 11] 1900 -01

GENERAL AND REVENUE SECRETARIAT

(Sanitary)

NOTES.

File No. 110-10

FILE HEADING.

A new building for the vaccine Institute.

From

No.	Dated	Received

Diary No.	Enclos.	Spare Copies	Serial No.

BRIEF ABSTRACT OF LETTER.

NOTES AND ORDERS.

NOTES—First sheet.

GPB—15,000—24-4-09

G.R.S. 13]

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

P.W. See's written to 13.2.11

Urgent

To the Secy for kindly sending the papers

P.V. Please see at once on the subject.

13.2.11

IVA n 3 13/2

N. B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

Submitted

GPB—45,000—19-5-08

G.R.S. 13]

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

dated the 9th April 07 the Senior Surgeon was asked to study the requirements of a model Vaccine Institute if necessary by inspecting the King Institute in Madras and propose a workable scheme and also suggest a suitable site for the purpose.

2. The Senior Surgeon with his letter No 961 dated the 13th May 07 forwarded a plan of the site for the construction of the new Vaccine Institute, near the present Bacteriological Institute, with a rough estimate of the cost of building which amounts to Rs 52,704/-

3. The plan was returned to the Senior Surgeon as no funds could be provided for the work in the budget estimate for 1907-08 (vide H.O. No 1275 & 10.8.07 read 230-06)

N. B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

GPB—45,000—19-5-08

G.R.S. 13]

mis. 177 4

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

4 A provision of Rs 15000/- was however included in the P.W. budget for 1908-09, for buildings for the public Health Department including the Vaccine Institute.

(vide Govt. proc. No 1274-6 dated Sem 71-07-10

4.8.08)

5. Branch II may be consulted as to whether the provision of Rs 15000, in the P.W. budget, for 1908-09, was resumed by Govt. for other purpose.

Yes -

13.2.11 Forwarded to Br II 14.2.11

Submitted

6 The provision of Rs 15.000 made in the P.W. Budget for 1908-09, was resumed among other items in G.O. No 7L3342-4 G.7161-08 Dated 30-1-09 for additional expenditure for the relief of distress

on account of Buildings for the Public Health Dept including Vaccine Institute at Bangalore

N. B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

GPB—45,000—19-5-08.

V

Mis 177

5

G.R.S. 13]

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

10167
15.2.11

7 Submitted.
Dewan) 15.2-11 Mlle

8 Call for the plans and estimates for the Vaccine Institute. Endeavour should be made to reduce the cost to future Rs 52,704: more manageable limits

9 Write to Sanitary Commr. with

10 Put up draft 17/2/11
17.2-11 Mlle
A.D.S. 17/2

11 Draft submitted.
18.2.11

12 Issue
18.2.11 Mlle

N. B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

GPB —35,000—21-4-09

G. R. S. 12]
General and Revenue Secretariat.

Sanitary File No. 110 of 1910-11

Serial No.	
1	13. To the Sanitary Commissioner, No 7032 dated 23.2.11. Requests him to forward the plans and estimates for a new building for the vaccine Institute, reducing the rough estimate of Rs 52,704/- to more manageable limits.
	14. The Sanitary Commissioner has not yet sent his reply to this office No 7032 dated 23.2.11, referred to in serial No 1. May the file be sent to Br II to note the Dewan's orders, dated the 12th Feby 1911, re: provision to be made in the next year's budget for the work in question?
	15. Submitted for orders.
	16. Issue a reminder to the Sanitary Comr and send the file to Br II for note of the Dewan's order.
	17.3.11 Sd
	Draft submitted
	17. Issue
	20.3.11 Sd
2	18 To the Sanitary Comr. No 7856 dt 23/3/11 Requests him to expedite the submission of the plans and estimates for the construction of a new building for the vaccine Institute as called for in Sl. 1.
	19 forwarded to Br II for note of the Dewan's order of the 12th Feb 1911.

Sl No 8 for info. 27/3/11

NOTE—Contn. sheet.

GPB—50,000—12-8-10

G. R. S. 12]
General and Revenue Secretariat.

San File No. 110 of 1910-11

	Serial No.	
8/6		20 Subj. The Chief Engineer has ~~for~~ entered a sum of Rs 35,000 for Constructing new vaccine Institute in the P.W. Budget for 1911-12 with the letter "P" marked against the item which means that the work is one "to be postponed" Hon'ble (86) 28/3/11 (Sd) W 28/3/11 Submitted. 29.3.11 21) Submitted for information Secy 18 Cr) 30.3.11 Secy
2552 1.4.11		22 The work may be regarded as necessary & may be postponed 1/4/11 Secy 1/4/11
10894 3.4.11		23 Secy — Secy 1.4.11 Memo attached asked for. DSR Golconda Scheme ideas planned out 1/4/11 24 Public Draft 10/5/11 Secy 10.5.11
A.R.?		

NOTE—Contn. sheet.

GPB—55,000—27.4.09

Serial No.

Please send this unofficially to the Chief Engineer with a request that he will be so good as to prepare and send correct plans and estimate of the additions to the existing Bacteriological Laboratory building which were pointed out by Col. Smyth when the Dewan inspected the locality with the Chief Engr & Col. Smyth some little time ago.

Sd/ Illegible

D.O. No: 138
1.6.11

Forwarded to the Chief Engineer with Compliments.

1/6/11 — C. Balasundaram Jr

Illegible
1.6.

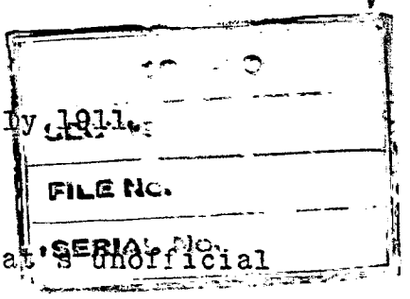
Recd
Sec. dept
5/6/11
CO

D.O. No: 125 (P.W.)
Dt/ 5-6-11

NOTE—Contn. sheet.

GPB—50,000—12-8-10

DIARY ... 660



Unofficial No: 171. (PW). Bangalore, 28th July 1911.

HR 1.12.9 31.7.11

General & Revenue Secretariat's unofficial memorandum No: 581 dated the 20th July 1911, regarding the construction of a new building for the Vaccine Institute, Bangalore, is returned with the intimation that the plans and estimates for the Vaccine Institute are in the nearest stage of completion and the Sanitary Engineer hopes to submit the same shortly. They will be submitted after scrutiny in this office.

Deputy Chief Engineer of Mysore,

P. W. Department.

T.N.A.

R. 12]
General and Revenue Secretariat.

Sen. File No. 110 of 1910-11

135

Serial No.	
4	From the Sanitary Commissioner, No. 1050 dated 31.8.11 Forwards copy of letter No. 602 dated 21.8.1911 from the Sanitary Engineer, stating that rough proposals in the matter of the Construction of a new building for the Vaccine Institute, Bangalore, have been submitted by him to the Chief Engineer. The file regarding the Construction of a new building for the Vaccine Institute, Bangalore, was forwarded unofficially to the Chief Engineer on the 18th June 1911. In reply to the unofficial reminder dated the 20th July 1911, the Chief Engineer replied that the plans and estimates proposed to are in the nearest stage of completion and they will be submitted after scrutiny. Submitted with draft. Issue 11.9.11 12-9-11 Illegible
5	To the Chief Engineer of Mysore, No. 2200 dated 15.9.11 Requests him to forward the plans and estimates for the construction of a new building for the Vaccine Institute, Bangalore.
6	From the Chief Engineer, No. 8905 dated 26.9.11 States that rough plans & estimate amounting to Rs 63,970/- have been received from the Sanitary Engineer and are under scrutiny & will be forwarded shortly.

NOTE— Contn. sheet.

GPB—50,000—12-8-10

Serial No.

The Chief Engineer has not given his opinion on the unofficial reference. The references sent with U.O No. 138 dated the 18th June 1911 have not been returned.

Draft calling for the references is submitted.

Issue

30.9.11 1.10.11 Mlle

Submitted

The references referred to was received on the 9th inst and hence the draft was not issued. May the receipt of the plans and estimate from the Chief Engineer be awaited.

Yes

13-10-11 Mlle

11.4.11

The plans and estimate have not yet been received from the Chief Engineer. Draft calling for the same is submitted for approval.

Issue

5-2-12 6.2.12 Mlle

To the Chief Engineer of Mysore, No 5533 of 9.2.12

Requests the early submission of the plans & estimate for the construction of a new building for the Vaccine Institute, Bangalore.

7 From the Chief Engineer, No 1873 dated 7.3.12

Informs that the design originally prepared under the instructions of Col. Smyth has been altered by Dr Sreenivasa Rao in consultation with the Senior Surgeon and that on receipt of the modified design fresh

NOTE — Contn. sheet.

GPB—50,000—12-8-10

G.R.S. 26]

File No 110-10

Serial No. 1

Diary No. of letter replied to _____

No. 7032

23-2-11

General and Revenue Secretariat

( )

, the 19

To

The Sanitary Commissioner

Sir,

Date of issue 23.2.11

Signed by

I am directed to state that the sum of Rs 15000/- provided in the P.W. budget for the year 1908-09 for building for the Public Health Department including the Vaccine Institute as stated in Govt. Memo No 1274-6 dated the 4th August 08, has to be resumed for expenditure in connection with the relief of distress.

2. In view of the necessity for a new building for the Vaccine Institute, I am directed to request you to be so good as to forward the plans and estimates for the same, the estimate to amount to Rs 57704/- (which was given in Senior Surgeon's letter No

over.

SUBJECT.

✓

No. 261 dated Dublin Castle 13 January 1907, being reduced to more manageable limits.

I have &c

Wellesley

For Lieutenant

Sd

List of enclosures,

Copied by M. M.

Examined by

Redmond 14/1/07.

GPB—6,000—1.5.09

28/3/11 3.55 pm

G.R.S. 26]

File No.

Serial No. 2

Diary No. of letter replied to

No. 7856
Sanity 110-10-
23-3-11

General and Revenue Secretariat
( )
the 19 .

To

The Sanitary Commissioner

Date of issue 23-3-11

Signed by

Has the honor to request the Sanitary expedite the submission of ~~the~~ answer to be given as to the plans and estimates for the construction of a new building for the vaccine Institute, as called for in this Office letter No 7032 dated Sanity 110-10-1 the 23rd February 1911.

By order

for Secretary

over.

SUBJECT.

Copied 28/3/11

No. G 574
Encs. 2

Office of Senior Surgeon, Mysore Govt.,

Dated, Bangalore, 10/11 .5. *1911.*

4

27319

Sau 110 – 10

8C—3

From

Lt.-Col. John Smyth, M.D., I.M.S.,
Senior Surgeon with the Government of
H.H. the Maharaja of Mysore, Bangalore.

To

C.S. Balasundaram Iyer Esq. B.A.,
Offg. Secretary to the Govt of H.H. the
Maharaja of Mysore, Genl & Rev Deptts.
Bangalore.

Sir,

Referring to para 2 of Government Proceedings No.8971-4/Medl 189-10-3, dated 1st May 1911, I have the honor to forward the accompanying copy of report, dated 13-4-1911 from Dr. M. Sreenivasa Rao on his visit to the Vaccine Institute at Belgaum, together with his subsequent letter No.261 dated 17-4-1911, submitting a rough plan for the establishment of the Vaccine Institute.

I have the honor to be,

Sir,

Your most obedient servant,

M.D.
Lt.Col.I.M.S.
Senior Surgeon, Mysore Government.

W 12/5

From

THE SENIOR SURGEON
WITH THE GOVT. OF MYSORE,
Bangalore.

To Ag. Sec. to Govt. Gen. & Rev. Depts. 12/5

The Secretary to Govt
Genl & Rev Depts
Bangalore

Dated 10. 5. 11

Despatched 11

Received Received from Dr Sreenivasa Rao today 10-11

General No. G 574
No.

Enclosure No. 2

SUBJECTS.

Forwarding Copy of report from Dr M. Sreenivasa Rao, on his visit to the Vaccine Institute at Belgaum,

5

Letter No.253 dated 13th April 1911 from the Chemical Examiner & Bacteriologist to the Govt of Mysore, Bangalore, to the Senior Surgeon, Mysore Government.

I have the honor to forward a report on my visit to the Vaccine Institute at Belgaum.

The Institute is situated about a mile and a half from the town of Belgaum and consists of a series of detatched buildings. The site of the Institute extends to about 250 acres. In addition to the Institute proper there are quarters provided for all the persons employed numbering at present 28.

Three large blocks measuring 122 x 22 each, accommodate 210 calves. Before being admitted into the blocks the calves brought by the Contractor are first placed in two isolation sheds measuring 38 x 22 ft each and holding 40 animals. They are observed there by one member of the staff and any calf showing actual signs of disease is at once transferred to the hospital shed of the same dimensions as the Isolation sheds. Those calves that are approved are first passed through a cattle-dip trough containing an arsenical mixture. This kills all the ticks which are said to be extremely common on the cattle and which transmits Piroplasmosis The calves are then passed on to the sheds where they are well fed up and get accustomed to a stationary life. A week or so afterwards they are taken to the operation room where they are vaccinated and then sent to the shed for vaccinated calves which measures 57 x 22 ft and gives accommodation for 34 animals. This shed is made fly-proof by closing up all openings with fine wire gauze. Major Hutchinson does not think that this interferes with the free ventilation of the shed. Till the vesicles are scraped off the calves do not leave the shed or the operation room. The operation room is 52 ft long & 18 ft wide and accommodates 4 tables. The walls are lined with white glazed tiles up to a height of 6 ft and the rest is painted with white zinc. The painted portion of the wall is also, and can be, washed easily. Along the southern wall

there are four sinks and hot & cold water taps are laid on to them. The floor is paved with polished Cuddapa slabs but this is not satisfactory as the calves frequently slip & fall. To obviate this danger, the calves are made to walk on coir matting. The operation room is lighted only from the northern side by large plate glass windows reaching almost to the ceiling. On the eastern side of the room there is a door leading by a covered passage to the shed for inoculated calves On the western side of the operation room there is likewise a door leading by another covered passage to the verandah and through it to the sterilisation room which contains the necessary apparatus for sterilising instruments, towels &c., and for boiling water. This room opens directly into the mixing room. Here the tissue scraped from the vaccinated calves, is pulped by passing it four times through a Doaring machine and mixed with 4 times its weight of a mixture of equal parts of Glycerine and distilled and sterilised water. This is placed in large test tubes and a vapour of Chloroform is passed through such tubes kept at 20°C, for half an hour. Then the Chloroform vapour is driven off from the mixture by forcing air through it for three hours. The glycerinated vaccine is then put into glass phials previously cleaned and sterilised and capable of holding just enough for 10 cases. The phials are then fitted with sterilised corks and the corked ends are dipped into melted paraffin. These phials are then put into large beakers and kept in Ice-chests having double walls and having the interspaces packed with a mixture of salt and ice, the temperature being thus maintained constantly at 0°C. Before being distributed into phials a small portion of glycerinated vaccine from each calf is kept apart and tested in the Laboratory for its bacterial contents. The Bacteriological Laboratory consists of two rooms, one of which is used for the preparation of media and the other for conducting the actual examination. Agar plates are poured with the amount of vaccine sufficient for 1 case and then incubated. If there are not more than half a dozen colonies in each plate the extent of sterilisation is considered to be sufficient for

all practical purposes. Cocci are also found but they are neglected as being of no importance. It is usual to find Bacillus Subtilis and Bacillus Mesentericus but their presence is likewise treated as of no importance. The glycerinated vaccine is thus never sterile and no attempt is made to attain to such absolute sterility. Before being issued for purposes of vaccination, the phials are kept in the Ice-chests for not less than a month. This is supposed to carry the process of sterilisation a little further. When being sent out, each phial is taken into the Despatch room where it is put into a close fitting box hollowed out in a cubical piece of wood and the opening is tightly corked. One or more of these are again put into a card board box and despatched by letter post. In the grounds of the Institute there is a combined Post and Telegraph Office.

Between the mixing & despatching rooms there is left a space for a Refrigerating room, the construction and fitting up of which has just been sanctioned by the Bombay Government. In the absence of the Refrigerator, the Institute purchases Ice from a local Ice factory, the ice bill alone coming to as much as Rs300 per month.

Though the Vaccine Institute is now under the control of Major Hutchinson, the Deputy Sanitary Commissioner of the Division, the Government has sanctioned the appointment of a whole-time officer who will be selected from the ranks of the I.M.S., and who will be called the Director of the Institute. The Director has under him a Superintendent whose pay rises from Rs150 to 200 per month, 2 Assistant Superintendents, 1 on Rs75-100 and the other on Rs50-75, and 8 Laboratory Assistants 2 on Rs30 each, 3 on Rs25 & 3 on Rs20. There are 2 Clerks, one on Rs25 and the other on Rs20. There are 15 menial servants with pay ranging from Rs12 to 8. All the above members of the staff with the exception of one Clerk, are provided with quarters in the grounds of the Institute. There is also a temporary establishment of 1 Iceman, 2 Gardeners & 2 Sweepers. The Institute supplies glycerinated vaccine to the whole of the Bombay Presidency with the exception of the Province

Institute and the construction of which has already been sanctioned by Government. A two storied building in continuation of the Refrigerating Room and the shed for 16 inoculated calves separated from the operation room by a covered 6 feet passage will provide all the required accommodation. Provision nas also to be made in some other place for two quarantine sheds for 24 calves each, and a cattle-dip trough for disinfecting the calves before they are taken into quarantine sheds. As it is undesirable to have viscera &c., brought in Police cases, in close proximity to the calf shed and the operation room, provision for a small building consisting of 2 rooms is made on the north-eastern side of the Laboratory. A fresh entrance with a porch has to be made on the north side of the present Laboratory building and a portion of the road running north & south will be closed to traffic and a wire fencing put up on the southern side abutting the Post Office road.

------oOo------

" C O P I E S "

M.D.
Lt.Col.I.M.S.
Senior Surgeon, Mysore Government.

DIARY No. 1354

1050

1911-1912
SECTION Sany
FILE No. 110-10
4

11

Office of the Sanitary Commissioner
with the Government of Mysore.

Bangalore dated the 31st August 1911.
2nd September

From

P.S. Achyuta Rao Esq., L.M & S.,
Offg. Sanitary Commissioner with the
Government of H.H. the Maharaja of Mysore,
BANGALORE

To

C.S. Balasundaram Iyer Esq., B.A.,
Offg. Secretary to Government of
His Highness the Maharajah of Mysore,
General and Revenue Departments,
Bangalore

Sir,

With reference to your No. 7856 Sany. 110-10-2 dated the 23rd March 1911, I have the honor to forward herewith for information copy of letter No. 602 dated the 21st August 1911 from the Sanitary Engineer, Sanitary Division, Bangalore, stating that rough proposals in the matter of the construction of a new building for the Vaccine Institute have been submitted by him to the Chief Engineer in Mysore.

I have the honor to be,
Sir,
Your most obedient servant,

for Offg. Sanitary Commissioner.

P.H.

W 97 4

190

From

The Offg. Sanitary Commissioner
in Mysore, Bangalore.

To

The Scery. to Govt.,
Gen & Rev. Deptts.,
Bangalore.

Dated } 2nd September 1911
Despatched }

Received

General No. 1050
No.

Enclosure No. /

Regarding the plans and estimates for the construction of a new Vaccine Institute at Bangalore.

GPB—75 reams—25-5-10

Letter No. 602 dated 2nd August 1911 from the
Sanitary Engineer to the Sanitary Commissioner in Mysore.

In reply to your No. 818 dated the 16th Instant, anent Vaccine Institute at Bangalore, I have the honor to state that rough proposals have been submitted to the Chief Engineer with my No. 192 dated the 2nd August 1911.

2. Reference may kindly be made to the Chief Engineer on the subject if necessary.

"Copy"

for Offg. Sanitary Commissioner.

P.H.

G.R.S. 26]

File No. 110-10

Serial No. 5

Diary No. of letter replied to

No. 2200
Sanity 110-10-5
dy 15.9.11.

General and Revenue Secretariat

( )

, the 19 .

To

The Chief Engineer of
Mysore

Date of issue 15.9.11

Signed by

Sir,

I am directed to request you to be so good as to forward the plans and estimates for the construction of a new building for the Vaccine Institute, Bangalore, together with this office file No. 110 of 1910-11 on the same subject which was returned to you unofficially for opinion on the 1st June 1911.

I have &c

over.

for Secretary

SUBJECT.

14

No. 8905 DIARY No. 1775

MYSORE P. W. DEPARTMENT,
CENTRAL OFFICE.

Bangalore, 26th September 1911

1911-12/2
Sec... Sanitary
F. No. 110-10

From

M. VISVESVARAYA, Esq., M.I.C.E.,
Chief Engineer
Secretary to the Government of Mysore,
Public Works Department.

To

C. S. Balasunaram Iyer, Esqr., B.A.,
Offg: Secretary to the Government of His
Highness the Maharaja of Mysore,
General & Revenue Departments.

Sir,

With reference to your letter No.2200/Sanitary 110-10-5 of the 15th instant requesting to forward the plans and estimate for the construction of a new building for the Vaccine Institute at Bangalore, I have the honor to inform you that rough plans and estimate amounting to Rs.63,970 have since been received from the Sanitary Engineer and are under scrutiny. They will be forwarded shortly.

2. Your office File No.110 of 1910-11 received with unofficial No.138 of the 1st June 1911 is also returned.

I have the honor to be,
Sir,
Your most obedient servant,

Deputy Chief Engineer of Mysore.

W 27/1 Ag 22/27

191

MYSORE P. W. DEPARTMENT.

No. 8905-

From

The Chief Engineer & Secy
to Govt

To

The Secretary to Govt
Genl & Revenue Depts.

Dated Bangalore, 26th Sept 1911

Despatched

Enclosure No. 1.

SUBJECT.

Stating that the plans and Estimate for building the Vaccine Institute will be forwarded shortly

---

GPB—500—8-8-11

15

G.R.S. 26]

File No. 110-10

Serial No.

Diary No. of letter replied to 1775

No. 5533 —
Sanity 110-10 —
7.9.12.

General and Revenue Secretariat
(San)
, *the* 19 .

To

The Chief Engineer

His letter no 1775 dated the 26th September 1911 stating that rough plans and estimate for the construction of a new building for the Vaccine Institute at Bangalore will be forwarded shortly

Has the honor to invite reference to the above and to request a very early submission of the plans

over.

Date of issue 9.2.12

Signed by [illegible]

SUBJECT.

and Estimate referred to therein,
has been
as the question is pending for
a long time

By order

Secretary

Hm (JSP)
5-2-12

List of enclosures,

Copied by

Examined by J. C.

GPB—20,000—26-9-10

G. R. S. 26]

917

File No. 18

Serial No.

Diary No. of letter replied to

No. 532

Sanity 110-10-

15.7.12

General and Revenue Secretariat

( ).

, the 191 .

To

The Chief Engineer of Mysore

Date of issue 15.7.12

Signed by for SPR.

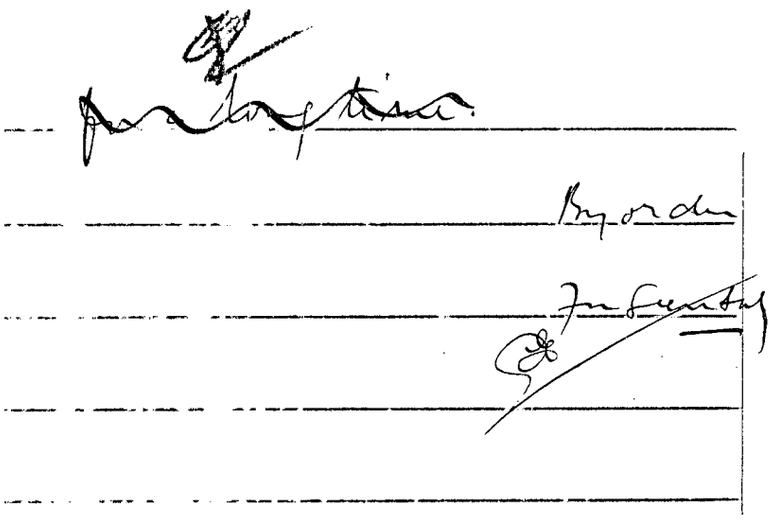
His letter No. 1873 dated the 7th March 1912, stating that the plans and estimates for the construction of Vaccine Institute at Bangalore will be sent on receipt of the modified design from Dr Srinivasa Rao.

Has the honor to request that the ~~plans and~~ ~~correspondence~~ ~~submissions of the~~ plans and estimate referred to ~~in the question has been sent~~ may be forwarded very early.

over.

SUBJECT.

for Secy



List of enclosures.

Copied by

Examined by

GPB—25,000—8-8-11.

3594

17

No. 1873

1910-1911
SECTION: Sanitary
FILE No. 110-10
SERIAL No. 7

MYSORE P. W. DEPARTMENT,
CENTRAL OFFICE.
Bangalore,...7th..March.....191 2.

From

M. VISVESVARAYA, ESQ., M.I.C.E., C.I.E.,
Chief Engineer of Mysore,
Bangalore.

To

C.S.Balasundaram Iyer,Esq,, B.A.,
Offg. Secretary to the Government
of His Highness the Maharaja of Mysore,
General and Revenue Departments.

Sir,

With reference to your No.5533/Sanitary 110-10 of the 9th February 1912, requesting that the plans and estimate for constructing a Vaccine Institute at Bangalore may be expedited, I have the honour to inform you that the design originally prepared for the building under the instructions of Col.Smyth has been completely altered by Dr.Srinivasa Rao in consultation with the Senior Surgeon. On receipt of the modified design from that officer, fresh estimates will have to be prepared. The Superintending Engineer has promised to send up the project by the end of May next.

I have the honour to be,
Sir,
Your most obedient servant,

M. Visvesvaraya
Deputy Chief Engineer,
Mysore, P.W.D.

T.N.A.

191

MYSORE P. W. DEPARTMENT.

No. 1873

From

THE CHIEF ENGINEER OF MYSORE,
Bangalore.

To The Secretary to the Govern-ment of Mysore, Genl: & Rev: Depts

Dated Bangalore, 7th March 1912

Despatched

Enclosure No.

SUBJECT.

Constructing Vaccine Institute at Bangalore

GPB—2,000—4-8-11